

UNITED STATES PATENT AND TRADEMARK OFFICE
Certificate

Patent No. 7,181,993 B2

Patented: February 27, 2007

On petition requesting issuance of a certificate for correction of inventorship pursuant to 35 U.S.C. 256, it has been found that the above identified patent, through error and without any deceptive intent, improperly sets forth the inventorship.

Accordingly, it is hereby certified that the correct inventorship of this patent is: Edward E. Williams, St. Louis, MO (US); and Alan Eugene Kirkland, Crystal City, MO (US).

Signed and Sealed this Twenty-fifth Day of May 2010.

BOYER D. ASHLEY
Supervisory Patent Examiner
Art Unit 3724